

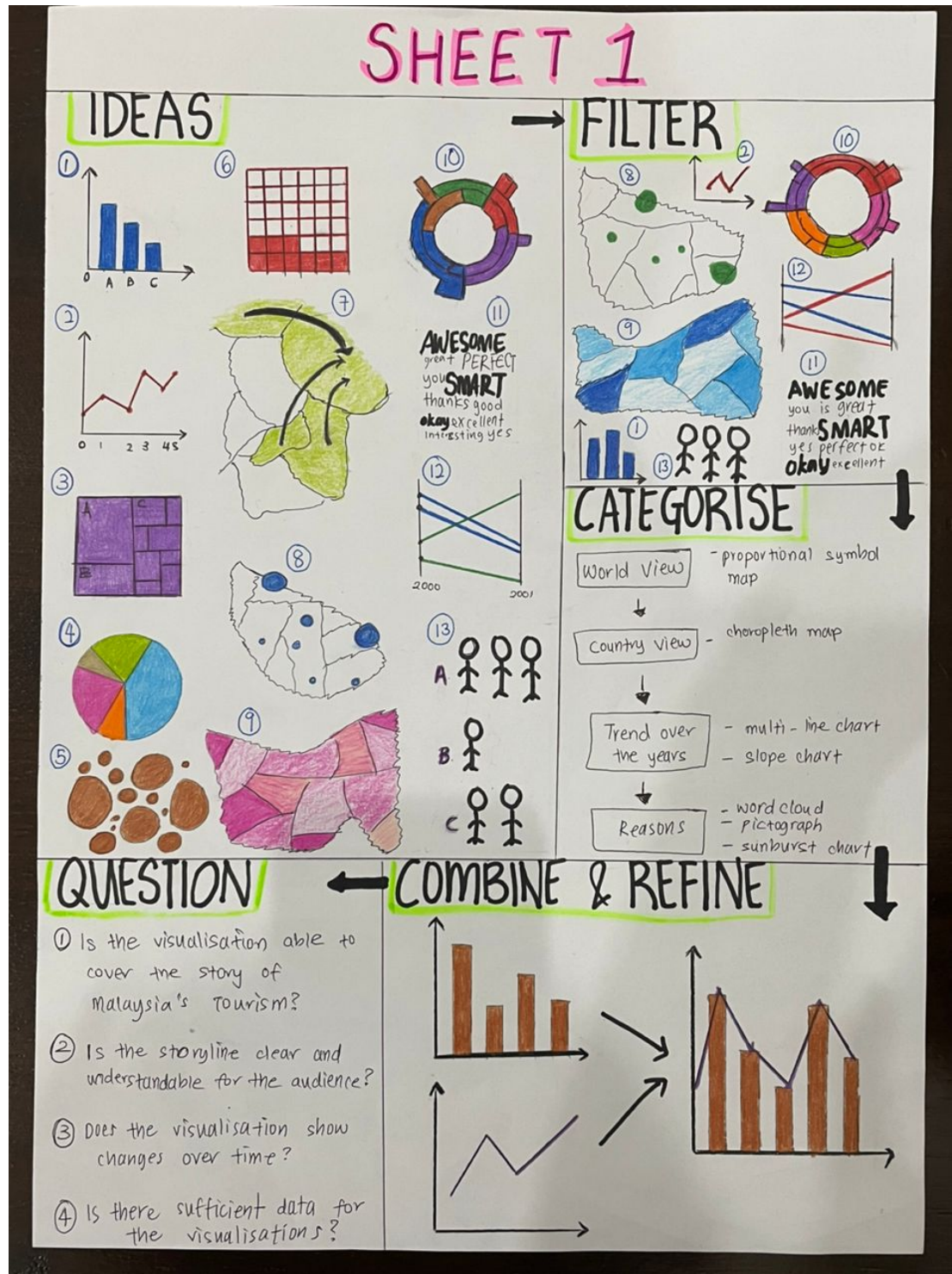
FIT3179 DATA VISUALISATION – FIVE DESIGN SHEET

NAME: MOESHA NOVYNA

STUDENT ID: 33920192

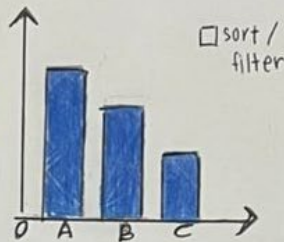
DATA VISUALISATION 2 DOMAIN: TOURISM IN MALAYSIA

SHEET 1 –



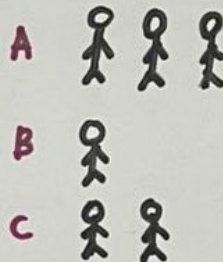
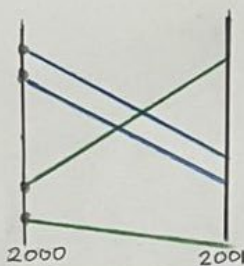
LAYOUT

TOURISM IN MALAYSIA: START TO PEAK



text box

text box



text box

text box

SUMMARY

Title: Tourism in Malaysia

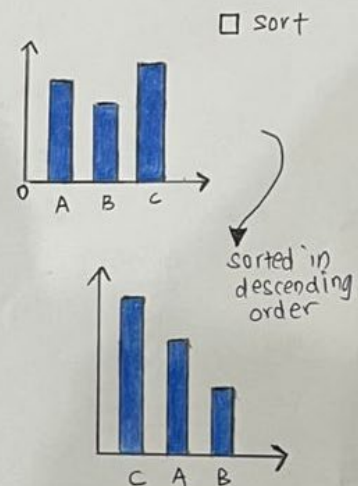
Author: Moesha Novyna

Date: 19/10/2025

Sheet: 2

Task: Provide main information about Malaysia's Tourism

OPERATIONS



FOCUS

There is no specific focus point in this visualisation layout since all idioms are given equal size and space priority, with equal amount of descriptive analysis spacing.

DISCUSSIONS

PROS:

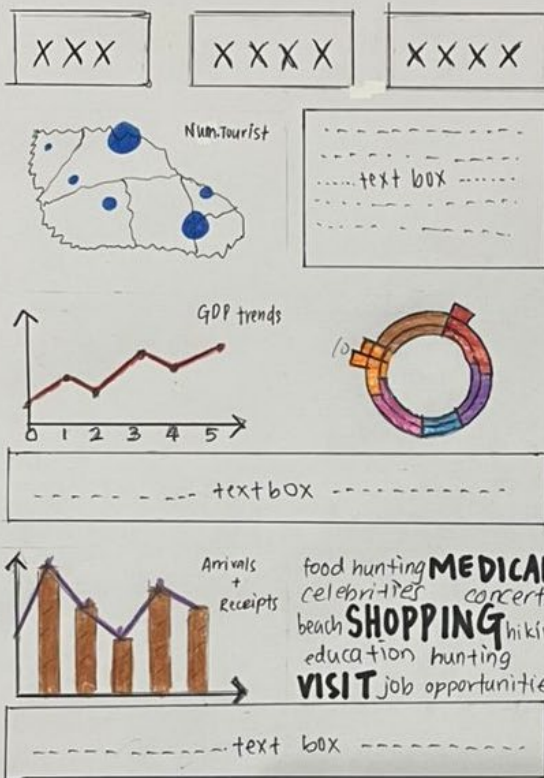
1. Chosen visualisations are relatively easy to understand & implement

CONS:

1. Doesn't tell entire storyline for topic
2. Not enough complex visualisations

LAYOUT

MALAYSIA: TOURIST'S CHOICE SINCE 2016



Title: Tourism in Malaysia

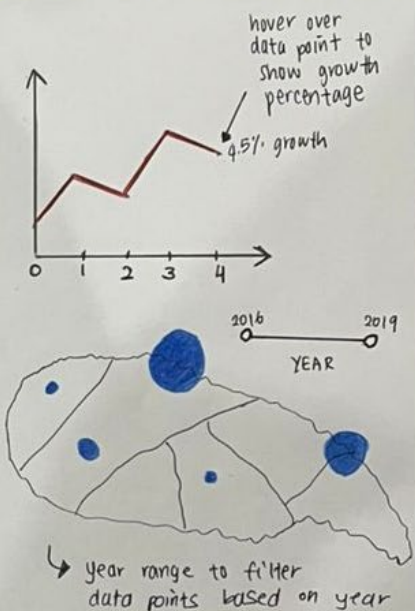
Author: Moesha Novyana

Date: 19/10/2025

Sheet: 3

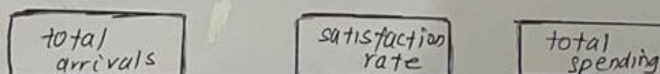
Task: Design a visualisation dashboard

OPERATIONS



FOCUS

The main focus of this visualisation layout is the highlight of the main numbers in the number card next to the proportional symbol map hence easier to compare (when required)



DISCUSSIONS

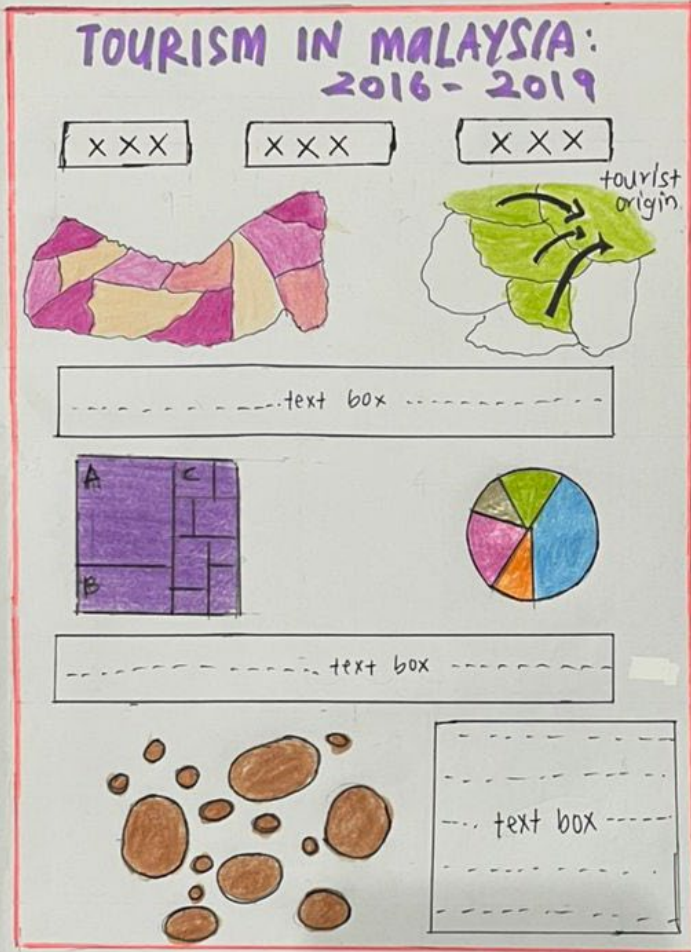
PROS:

1. outlines the progress of tourism in Malaysia through all visualisations

CONS:

2. Lacks Malaysia states distribution
3. line + bar chart can be complicated to interpret

LAYOUT



Title: Tourism in Malaysia

Author: moesha Navyna

Date: 19/10/2025

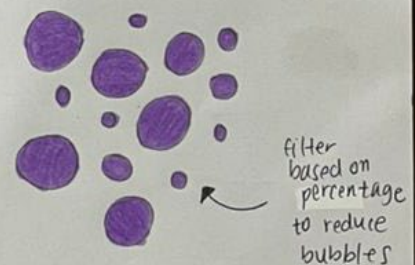
Sheet: 4

Task: Explore perspectives of Malaysia Tourism

OPERATIONS



percentage
min — max



FOCUS

The main focus of this visualisation layout is the highlight of the **choropleth map** (Malaysia map) & **flow map** (world map), both placed together to easily visualise & comprehend the **incoming number of tourists** on two perspectives.

DISCUSSIONS

PROS:

1. Sufficient visualisations to explain for the topic

CONS:

1. Too much space dedicated for text.
2. doesn't have any timeline perspective.

LAYOUT

TOURISM IN MALAYSIA: 2016 - 2019

sub-text

XX.X

\$XX.X

2016 ▼

ACROSS THE WORLD



text box

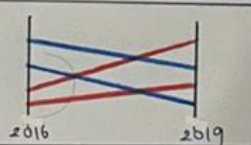
ACROSS THE NATION



text box

ACTIVITIES TRANSPORT

hike food hunt
job hunt
VISIT beaches
SHOPPING



text box

text box

SUMMARY ...

Title: Tourism in Malaysia

Author: moesha Novyna

Date: 19/10/2025

Sheet: 5

Task: Build full storyline to highlight on Tourism.

OPERATIONS

2016 ▼

dropdown filter to interactively change all idioms in visualisation

All visualisation idioms include tooltips that show details of data point (quantitative, qualitative, year information)

▼ SELANGOR

dropdown to select specific states for map idioms

FOCUS

This visualisation layout answers all specific perspective for the

storyline —
world view, country view,
Trend over years, Reasons

DETAILS

vega for approved idioms

Software: VScode, HTML, CSS, vegalite (vega*), Google Font

Resources: public datasets (csv, pdf)

Time: Learning - 2 days
Implement - 2 days
Total - 4 days